

1 LENS ARRANGEMENT WITH FLUID CELL AND
2 PRESCRIPTIVE ELEMENT

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4 ABSTRACT OF THE DISCLOSURE

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6 A lens arrangement has a corrective or prescription lens. The
7 prescription lens is adjacent to a fluid cell. The fluid cell has a flexible
8 membrane and a base. Fluid is pumped into or out of the fluid cell in order to
9 vary the corrective power of the entire lens arrangement. The prescription
10 lens is coupled to the base so as to pivotally couple an edge portion of the
11 flexible membrane therebetween and to allow the edge portion to flex with
12 minimum distortion. The prescription lens, which may have a cylindrical
13 surface, is rotatably coupled to the base to allow the cylinder axis to be
14 adjusted to a proper position. The prescription lens is removably coupled to
15 the base to allow the lens to be exchanged for a lens with a different
16 corrective power.
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